

Supplementary Table 1. Primers forward (F) and reverse (R) used for gene expression analysis by qPCR.

Gene	Accession Number (Genoscope)	Primers	Ref. Primers
<i>VvPAL1</i>	GSVIVG01025703001	F: 5'-CCGAACCGAATCAAGGACTG-3'	Boubakri et al. (2013)
		R: 5'-GTTCCAGCCACTGAGACAAT-3'	
<i>VvC4H1</i>	GSVIVG01024554001	F: 5'-AAAGGGTGGGCAGTTCAGTT-3'	Boubakri et al. (2013)
		R: 5'-GGGGGTGAAAGGAAGATAT-3'	
<i>VvSTS1*</i>	DO366301 ^a	F: 5'-CGAAGCAACTAGGCATGTGT-3'	Boubakri et al. (2013)
		R: 5'-CTCCCAATCCAATCCTTCA-3'	
<i>VvCHS1</i>	GSVIVT01032968001	F: 5'-GTCCCAGGGTTGATTTCCAA-3'	Boubakri et al. (2013)
		R: 5'-TCTCTTCCTTCAGACCCAGTT-3'	
<i>VvFLS1</i>	GSVIVT01008913001	F: 5'-CAGGGCTTGCAGGTTTTTAG-3'	Downey et al. (2003)
		R: 5'-GGGTCTTCTCCTTGTTACG-3'	
<i>VvUFGT1</i>	GSVIVT01024419001	F: 5'-TGCAGGGCCTAACTACTCT-3'	Designed with the aid of QuantPrime (Arvidsson et al. 2008)
		R: 5'-GCAGTCGCCTTAGGTAGCAC-3'	
<i>VvGST4</i>	GSVIVG01035256001	F: 5'-AAGGATCCATGGTGAAGGTGATGGC-3'	Conn et al. (2008)
		R: 5'-AACTGCAGAAGCCAACCAACCAACAAC-3'	
<i>VvMATE1</i>	GSVIVT01028885001	F: 5'-TGCTTTGTGATTTTGTAGAGG-3'	Gomez et al. (2009)
		R: 5'-CCCTTCCCGATTGAGAGTA-3'	
<i>VvABCC1</i>	GSVIVT01028722001	F: 5'-CTCCACTGGTCTCTGCTTC-3'	Designed with the aid of QuantPrime (Arvidsson et al. 2008)
		R: 5'-AGCCTGCTTCGAAAGTACCA-3'	
<i>VvACT1</i>	GSVIVT01026580001	F: 5'-GTGCTGCCATGTATGTTGCC-3'	Conde et al. (2015)
		R: 5'-GCAAGTCAAGACGAAGGATA-3'	
<i>VvGAPDH</i>	GSVIVT00009717001	F: 5'-CACGGTCAGTGAAGCATCAT-3'	Conde et al. (2015)
		R: 5'-CCTTGTCAGTGAACACACCAG-3'	
<i>VvDFR</i>	GSVIVT01009743001	F: 5'-GGCTTTCTAGCGAGAGCGTA-3' R: 5'-ACTCTCATTCCGGCACATT-3'	Bogs et al. (2006)

* The used primers are not very specific and amplify several STS genes including *VvSTS1*

^a Gen Bank accession number of *VvSTS1*

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